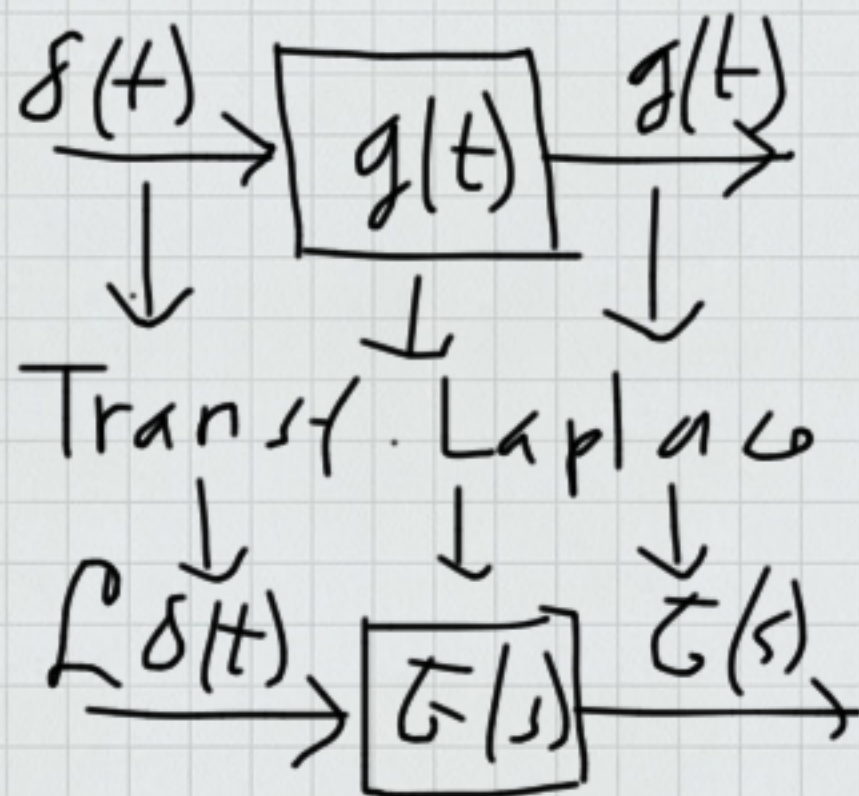


Contoh:

* Tentukan transf. Laplace dari $\delta(t)$!

Jawab:



$$\mathcal{L}\{\delta(t)\} = \frac{G(s)}{F(s)} = 1$$

* Konsep Impedansi:

Hukum Ohm:

The circuit diagram shows a resistor R with current $i(t)$ flowing through it. The voltage across the resistor is $v(t)$. The relationship is given by $v(t) = Ri(t)$. The Laplace transform of this equation is $V(s) = RI(s)$. The impedance R is defined as $R = Z_R = \frac{V(s)}{I(s)} = R$.